

SLOVENIAN SEISMIC NETWORK

Activities report AUG 2023

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We are here

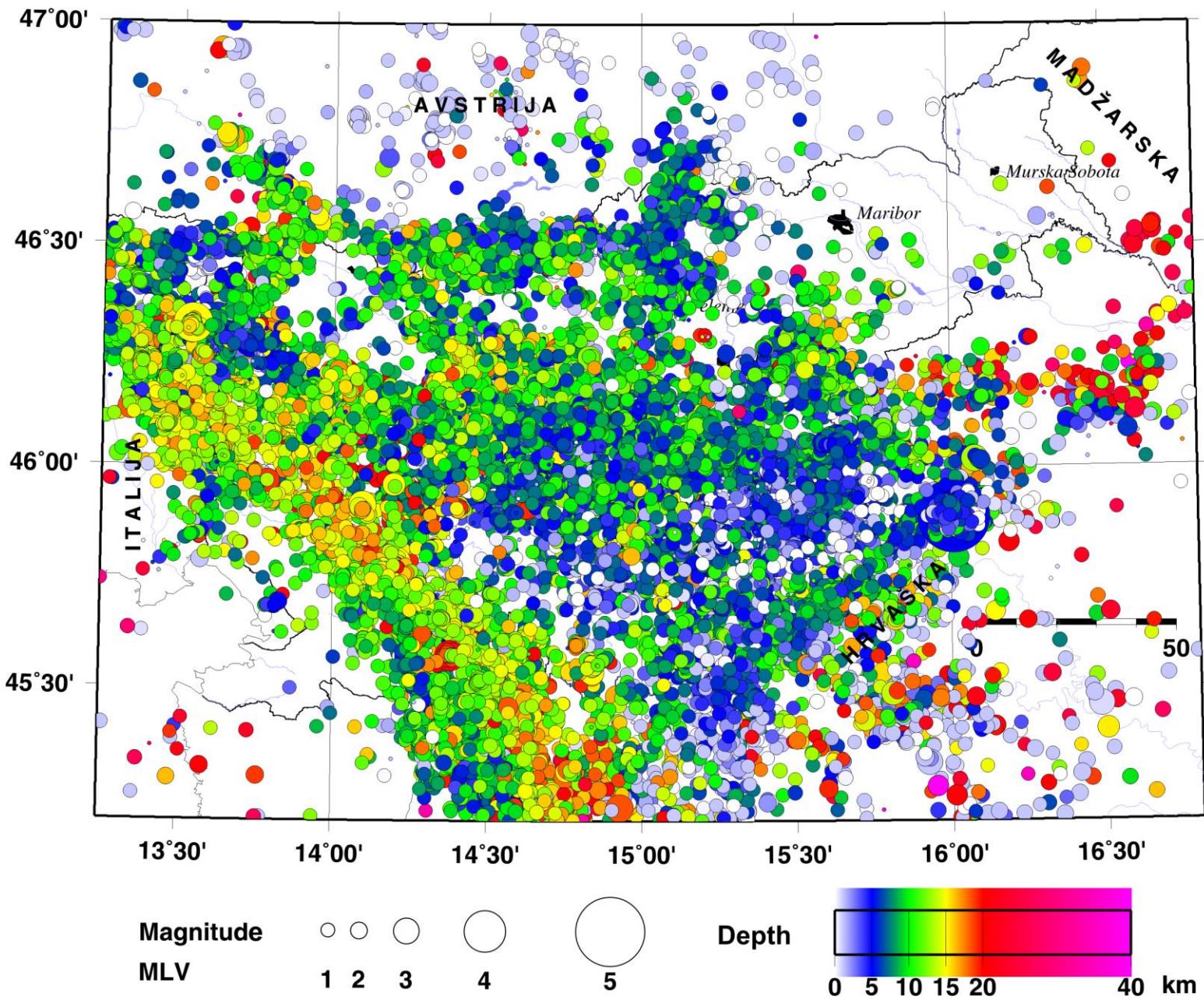
Seismicity in Slovenia

2002 – 2020 catalog

~1000 eq/year

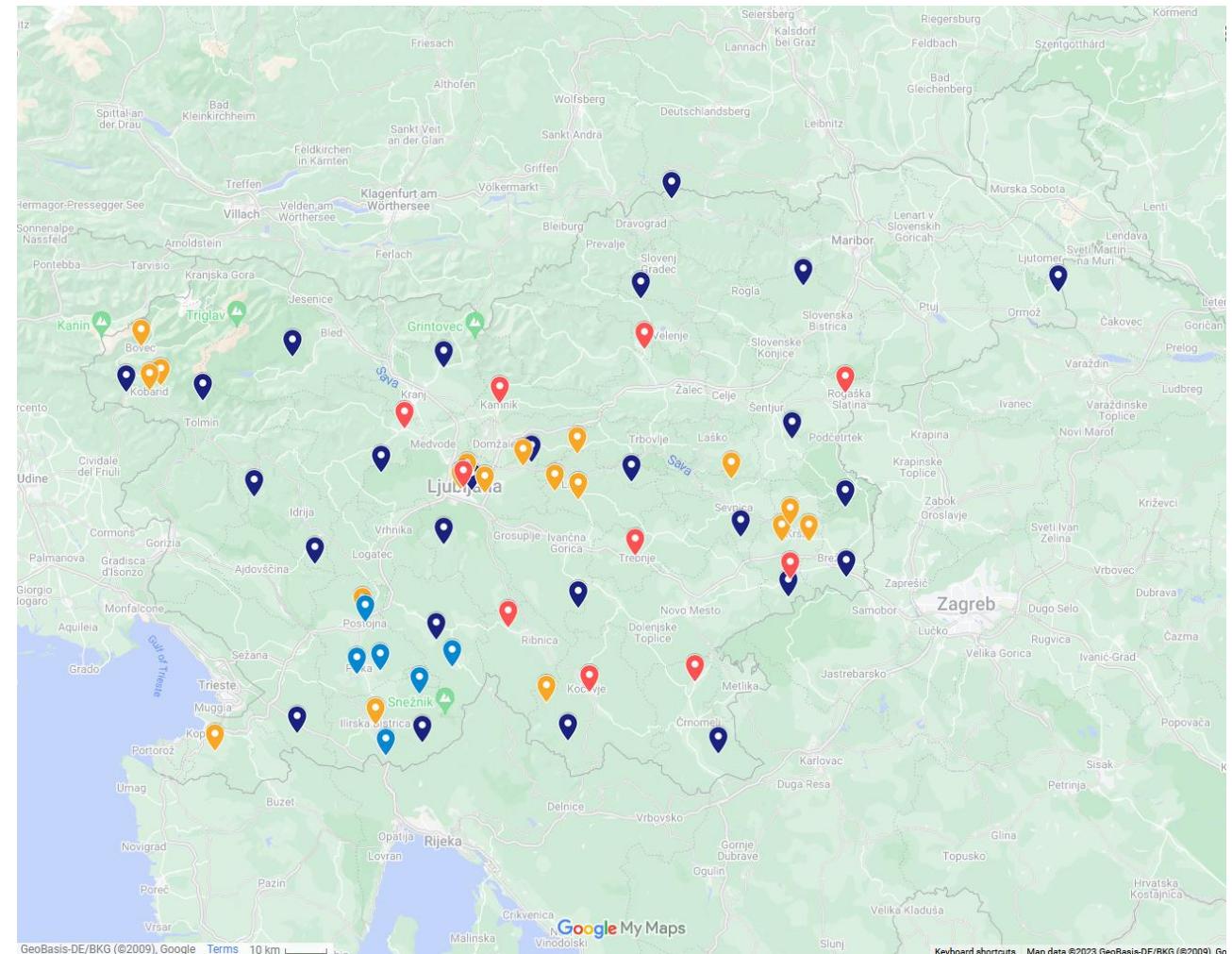
~50 felt/year

expect MI up to 6.x



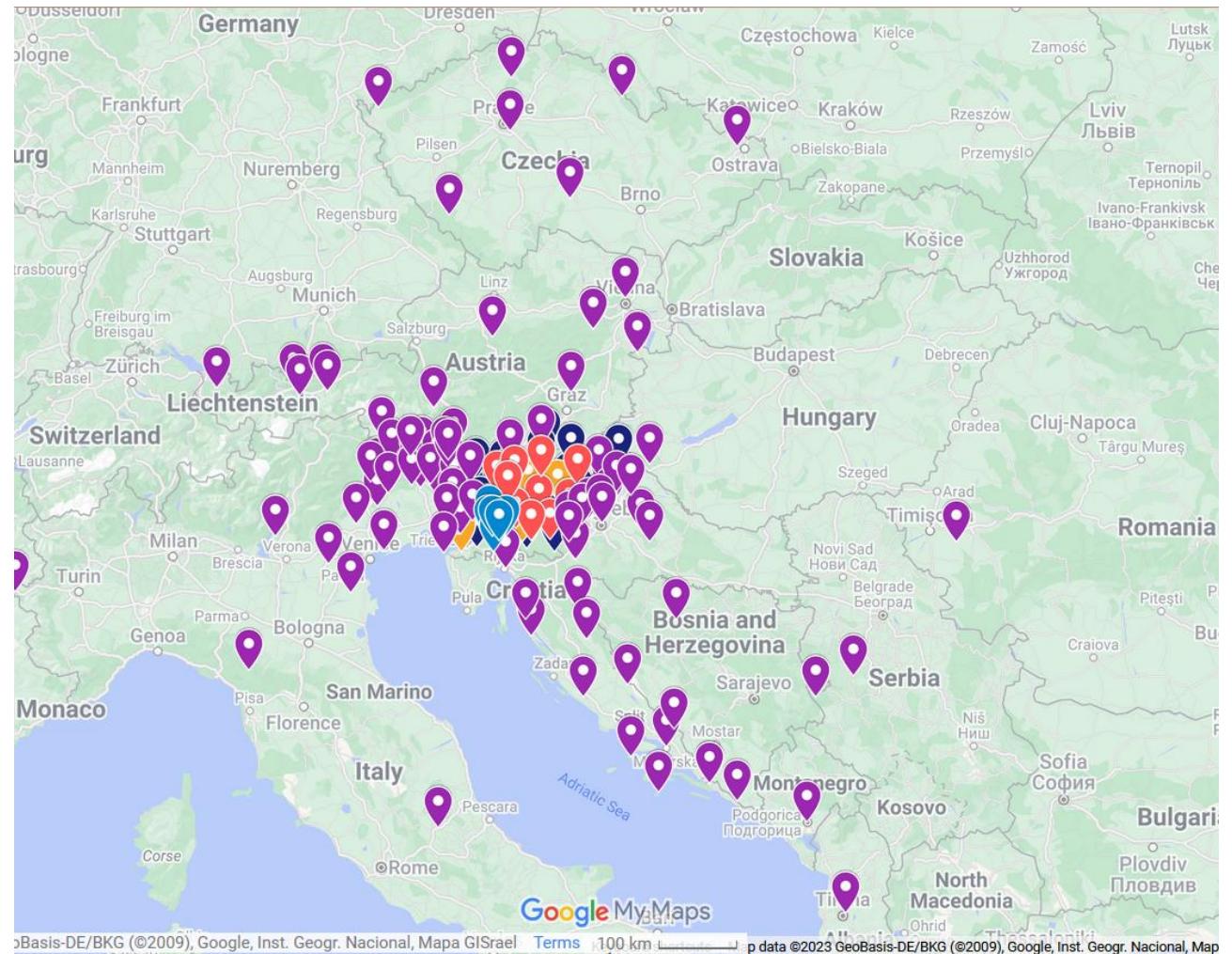
Seismic stations

- 📍 Permanent network (26 6-channel BB)
- 📍 Supplementary network (18 misc)
- 📍 EPOS NFO network (6 Etna2)
- 📍 RaspberryShake shool network (10 RS)

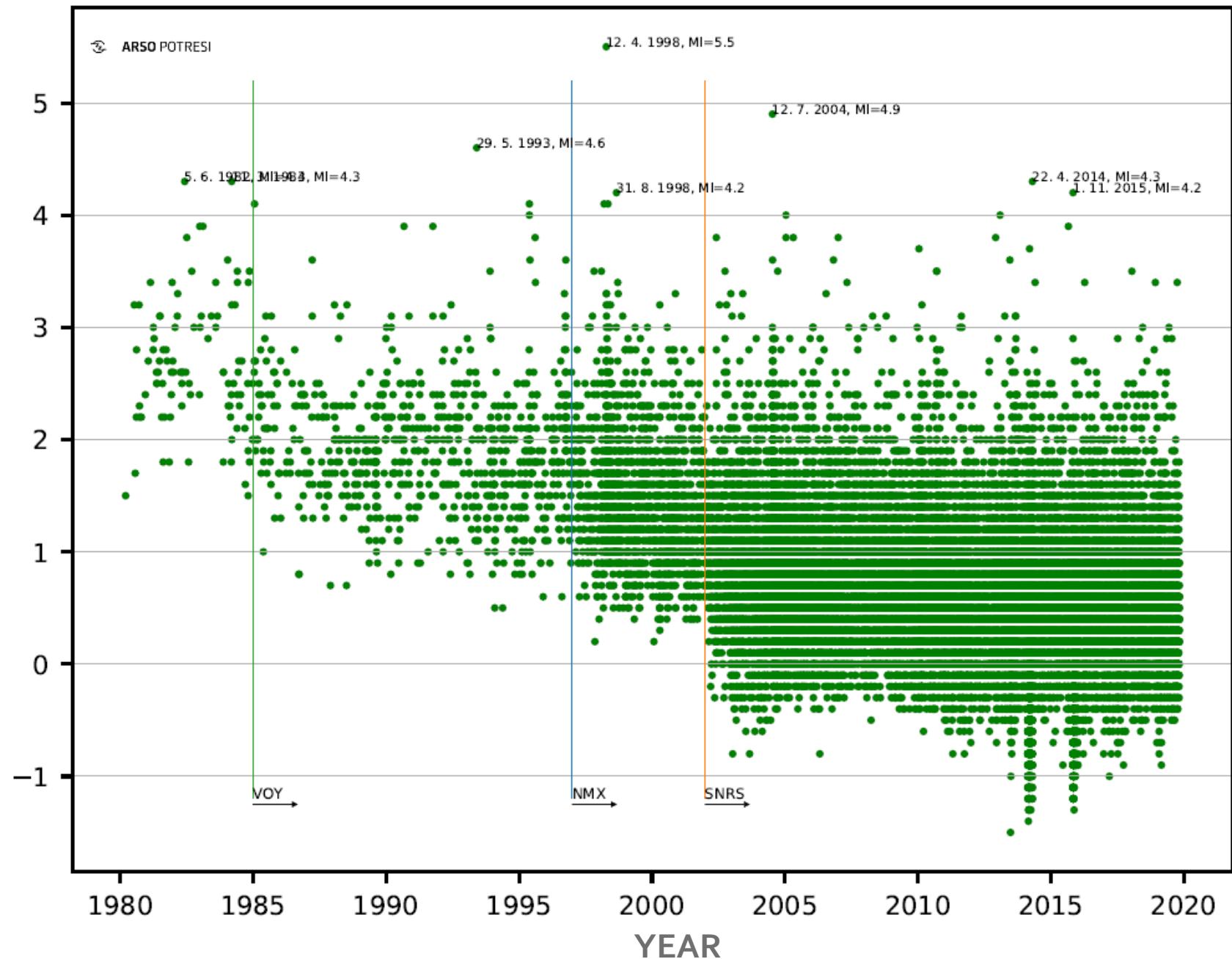


Seismic stations

- 📍 Permanent network (26 6-channel BB)
- 📍 Supplementary network (18 misc)
- 📍 EPOS NFO network (6 Etna2)
- 📍 RaspberryShake shool network (10 RS)
- 📍 Import in real-time (>100)



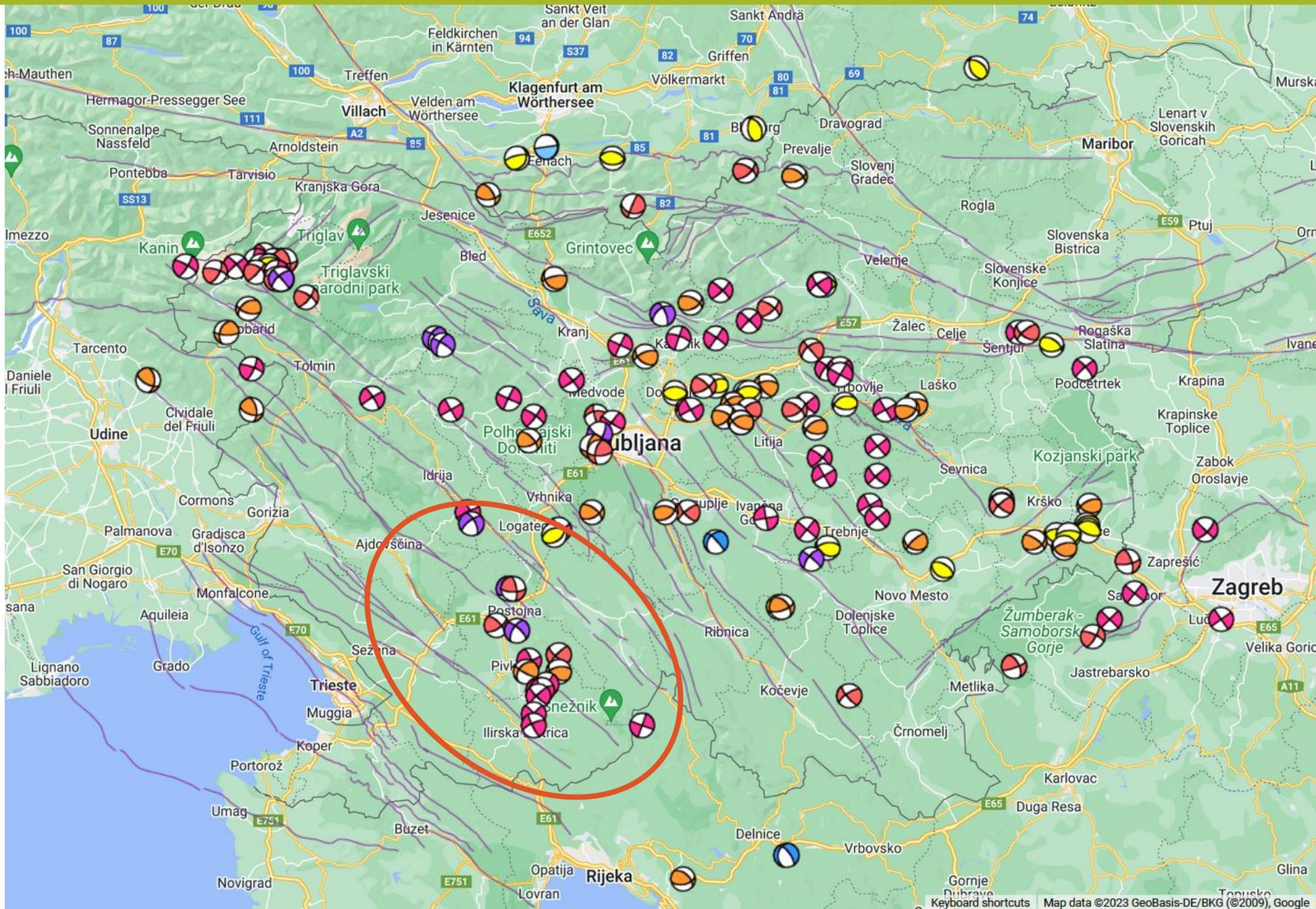
MI magnitude threshold

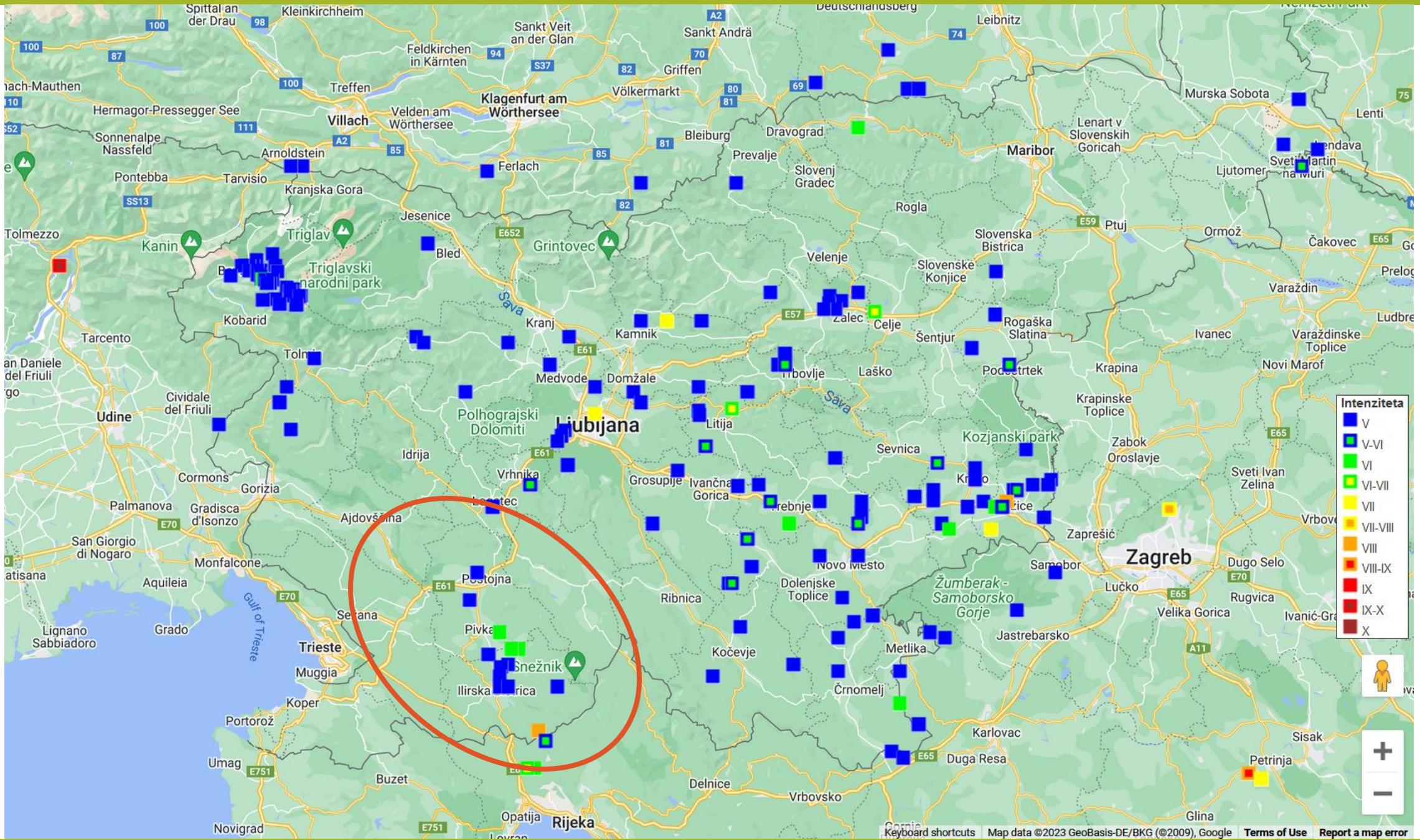


EPOS future NFO

Main partner ZRC SAZU

- SM Network + BB in Postojna cave
- Extensiometers
- Gas measurements



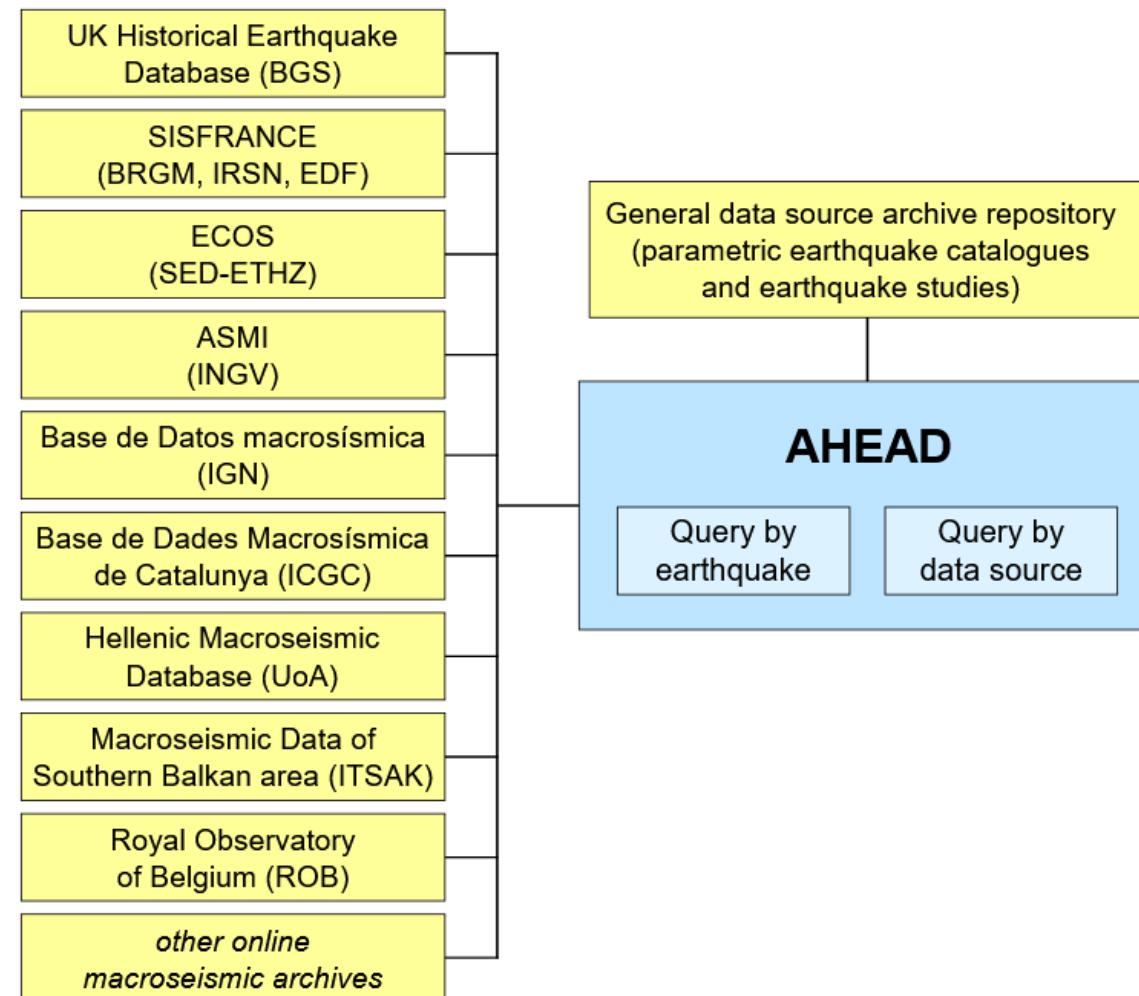


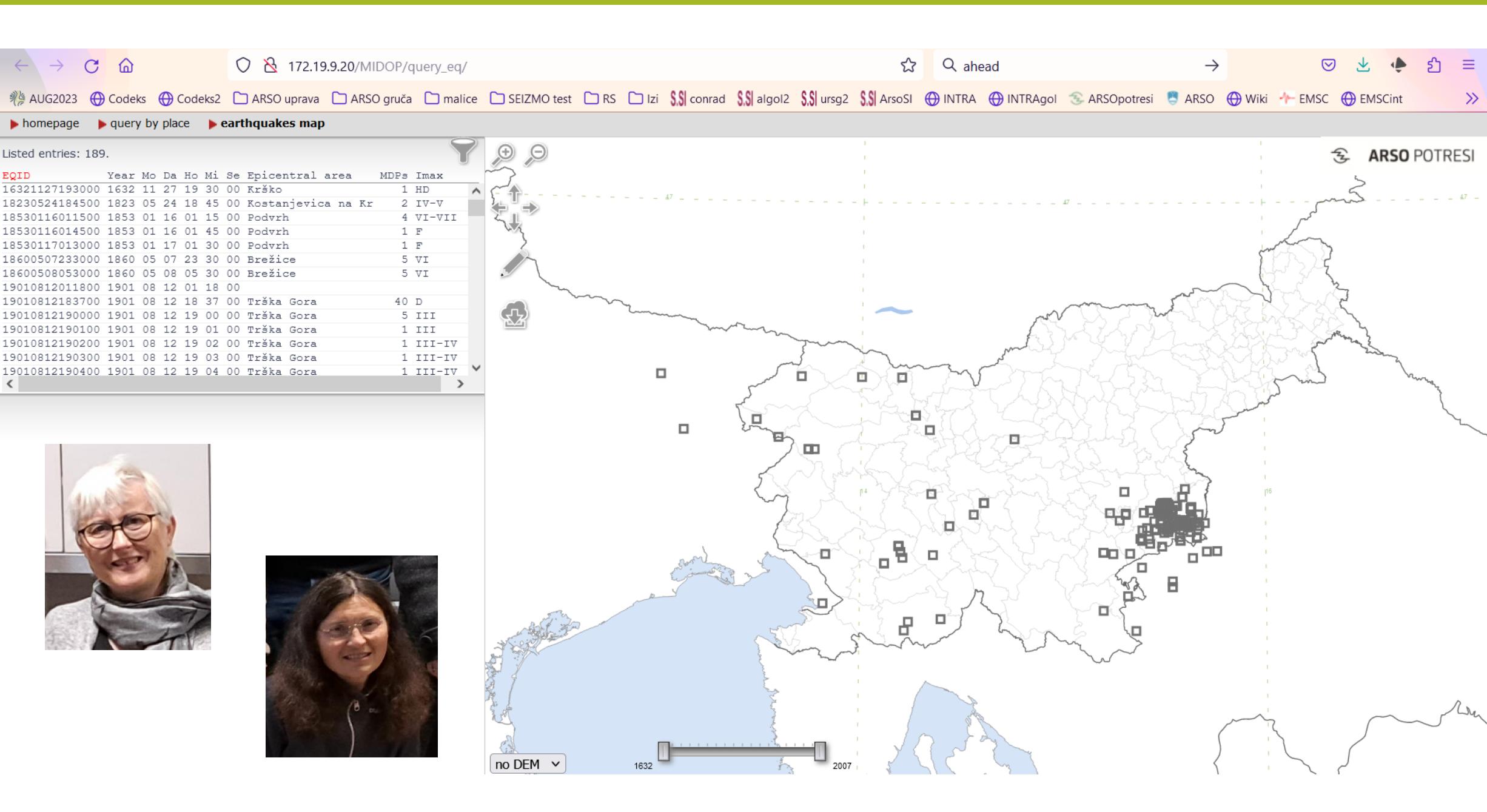
AHEAD

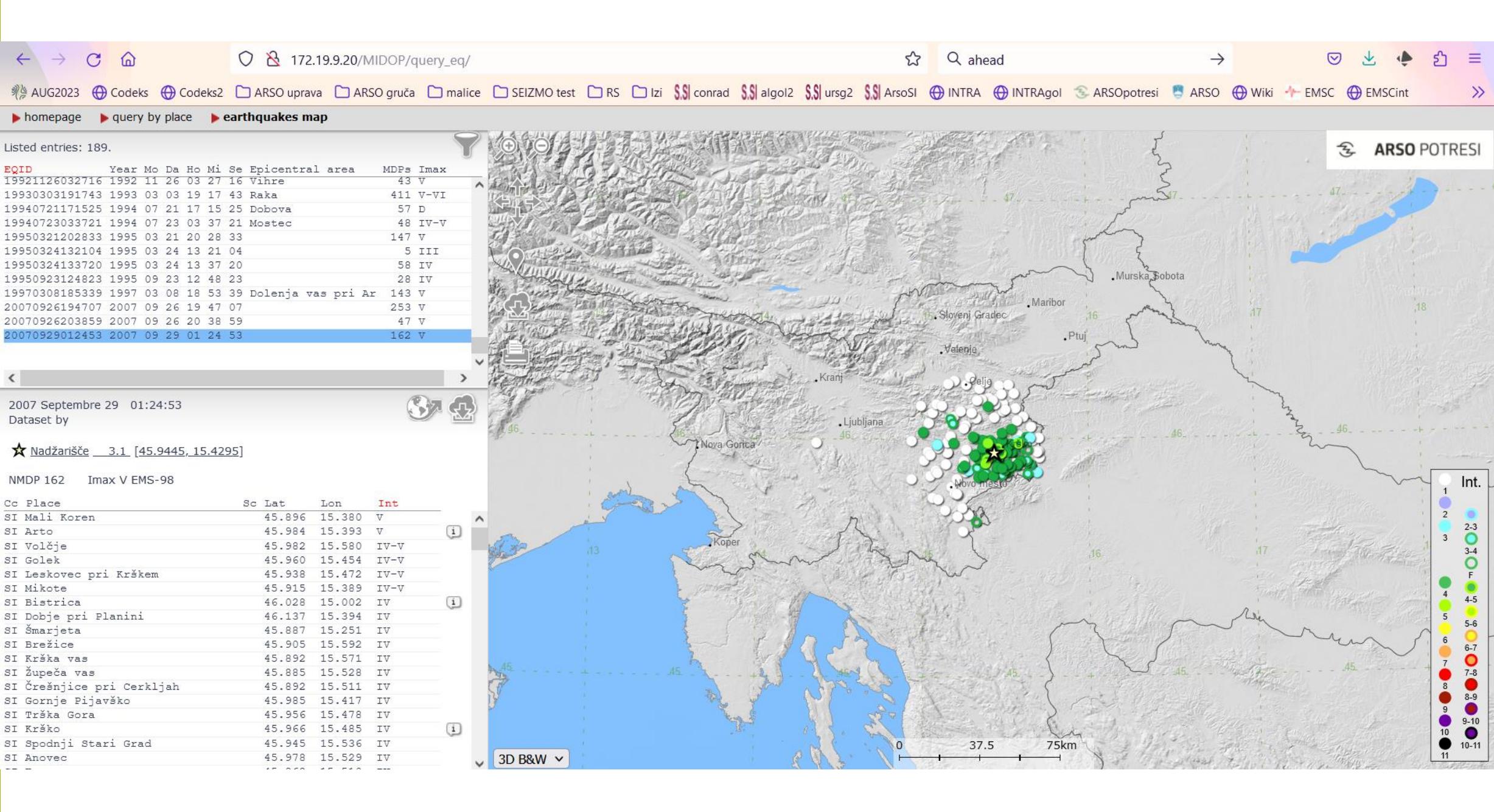
European Archive of Historical Earthquake Data

- <https://www.emidius.eu/AHEAD/>
- local MIDOP db @ ARSO
- 189 entries at this time

You may query the Archive [by Earthquake](#) [by Data Source](#) [with Web Services](#)







EFEHR

<http://www.efehr.org/start/>

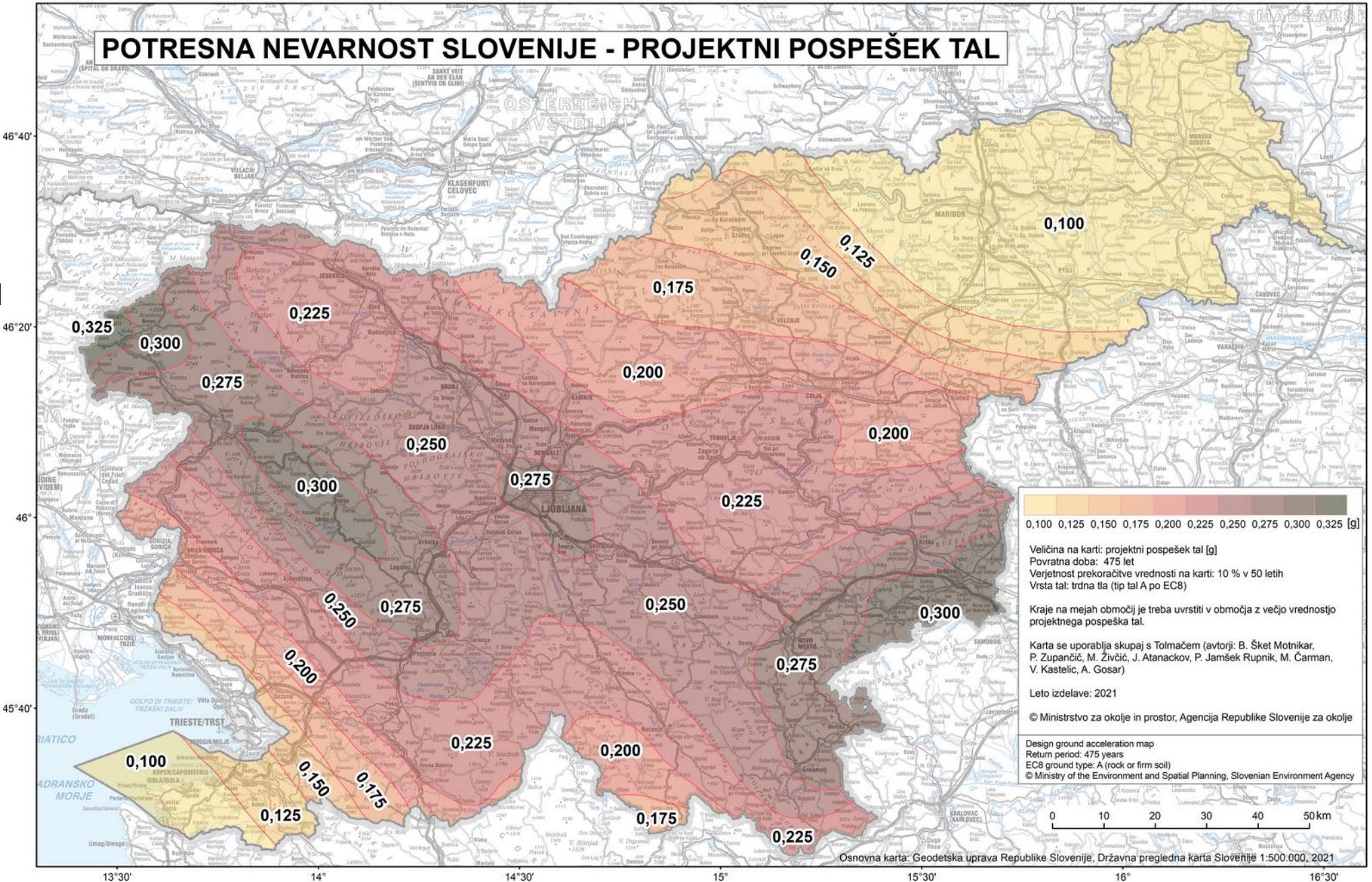
EARTHQUAKE HAZARD across Europe

Earthquake hazard describes the potential ground shaking due to future earthquakes in Europe.

Discover **EARTHQUAKE HAZARD** across Europe



Seismic Hazard for Slovenia 2021



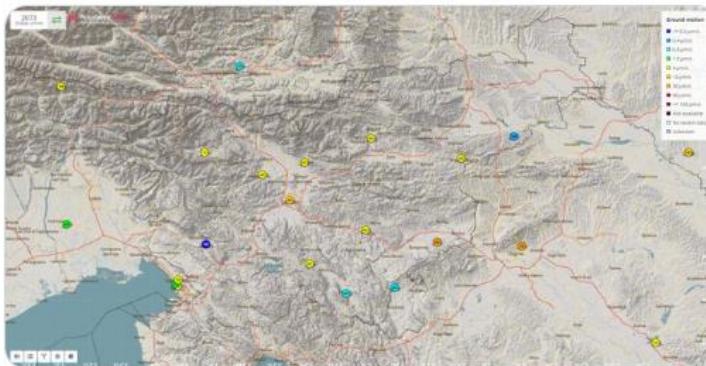
RaspberryShake Network



Raspberry Shake @raspishake · 4m
An amazing initiative, and with a sweet memo too!

All online #RaspberryShake stations (and data) in #Slovenia 🇸🇮 are visible to everyone on #StationView and #DataView. Check them out!

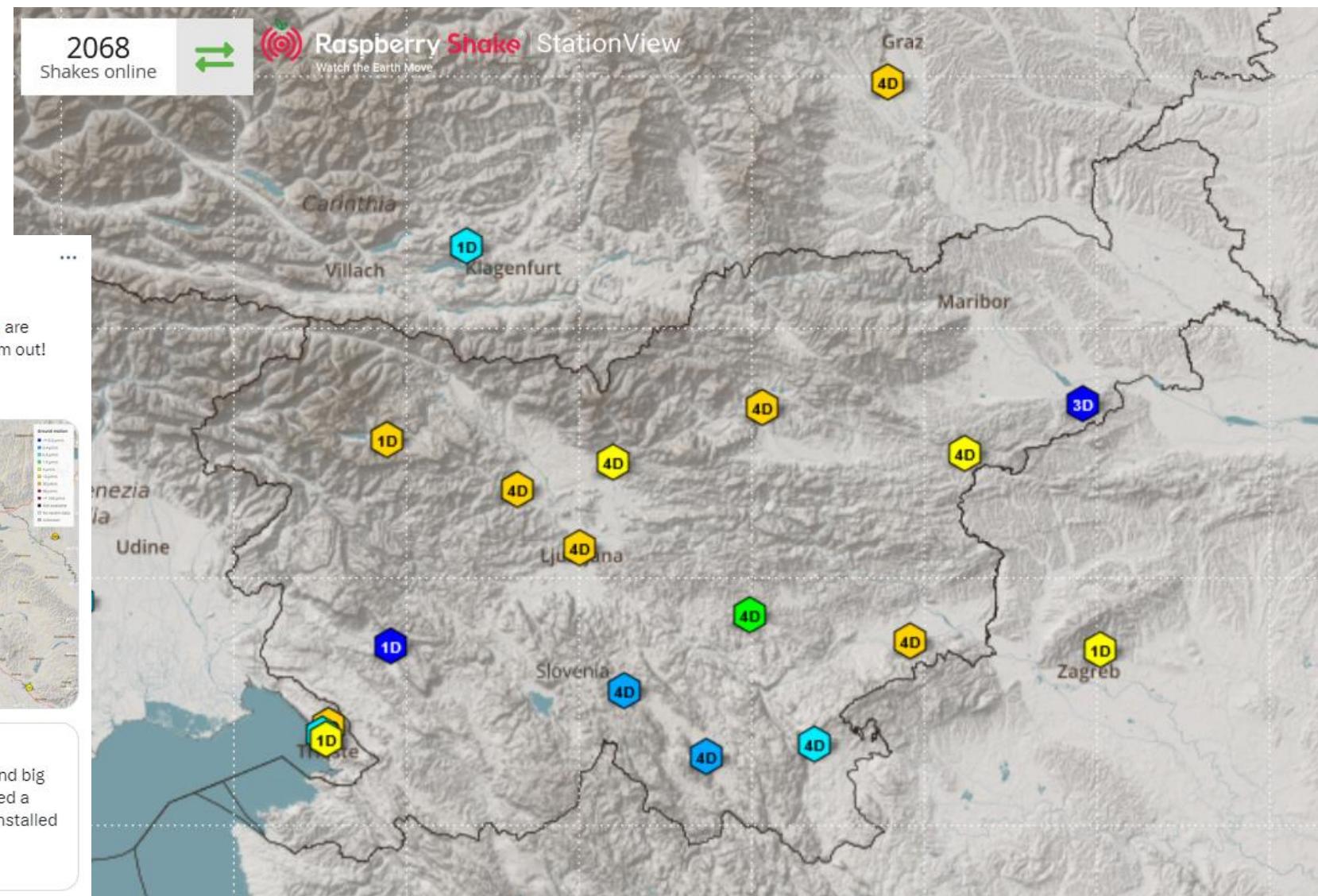
#CitizenScience #edu #STEM #STEMeducation



ARSO potresi @ARSO_potresi · 3 Jun

#Znanstival is a festival of science for small and big children. Today @ARSO_potresi team presented a network of #RaspberryShake seismographs installed in 10 schools in Slovenia.
Visitors of our booth got some nice sweet ...

Q t 1 15 ↗



Raspberry Shake® | Locator

Watch the Earth Move

Latest events recorded

AM.RC4FA

Reset all

2.7 NW Balkan Region

16-05-2023 - 01:31 - 14.00km

1.6 Northern Italy

05-06-2023 - 20:59 - 11.80km

1 Northern Italy

05-06-2023 - 18:20 - 10.50km

1.3 NW Balkan Region

05-06-2023 - 08:57 - 14.00km

1.5 NW Balkan Region

05-06-2023 - 03:38 - 15.00km

2.1 NW Balkan Region

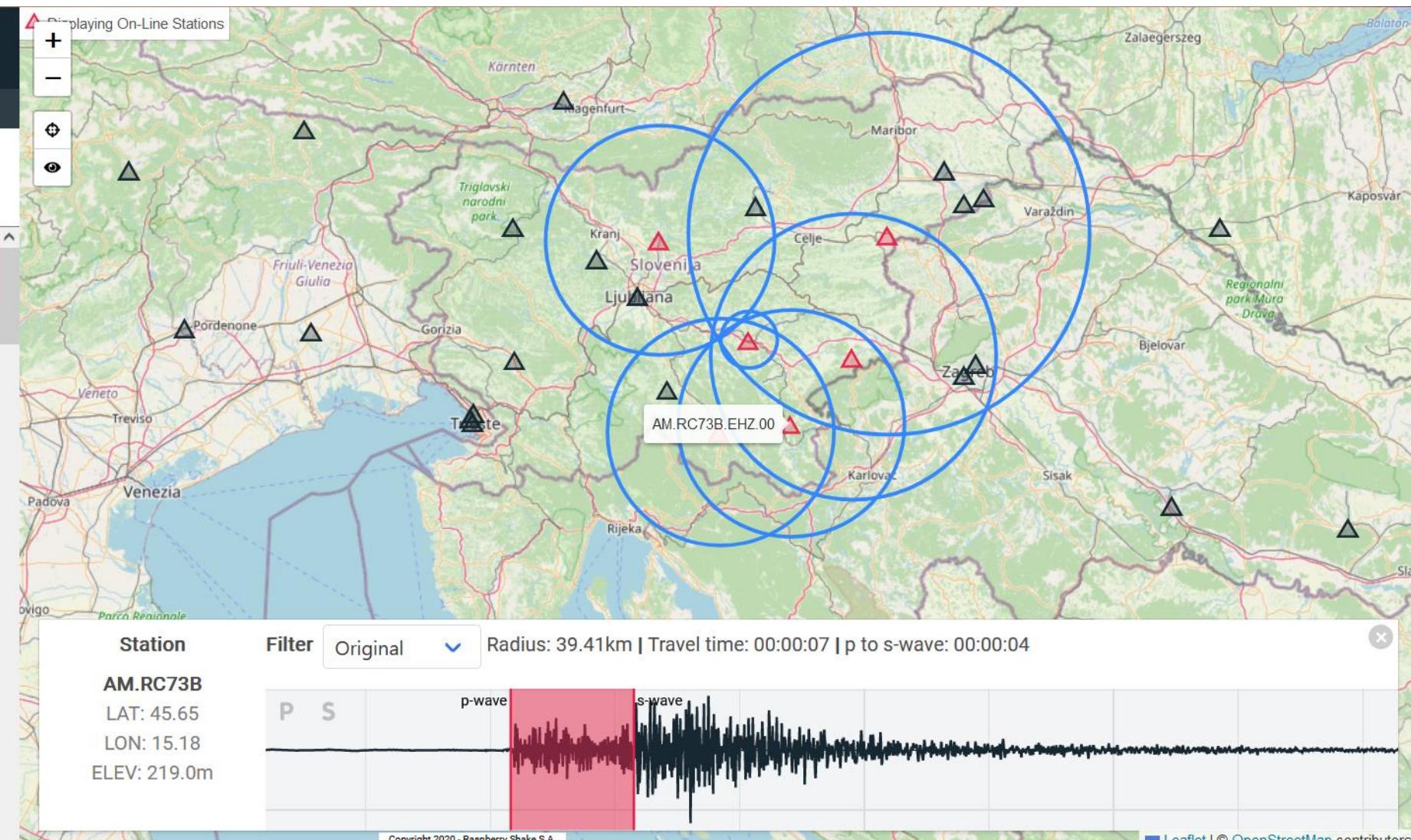
05-06-2023 - 03:14 - 10.00km

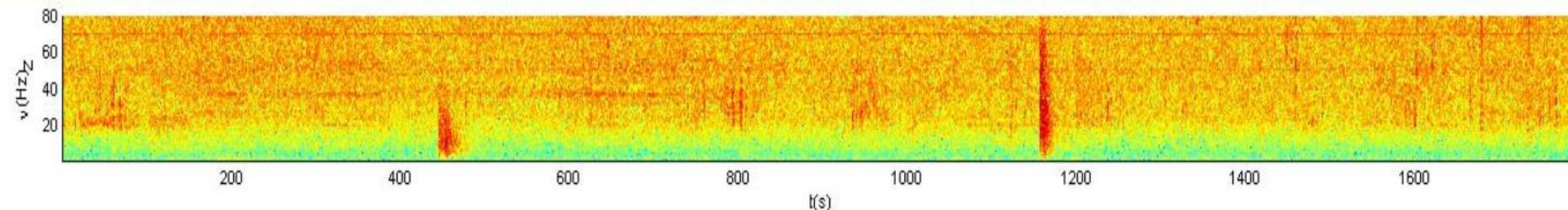
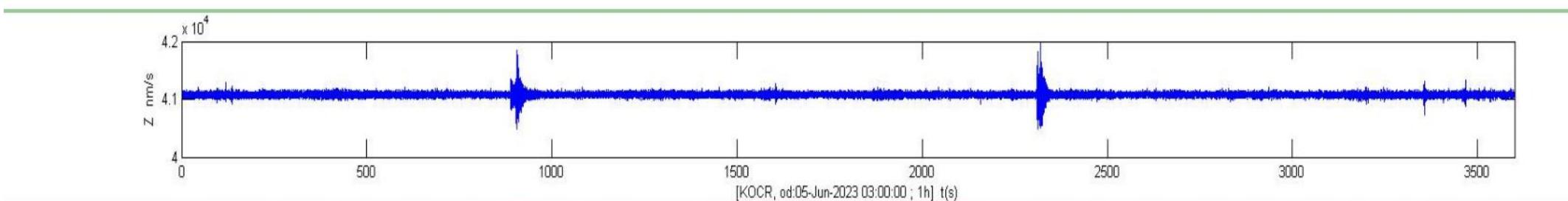
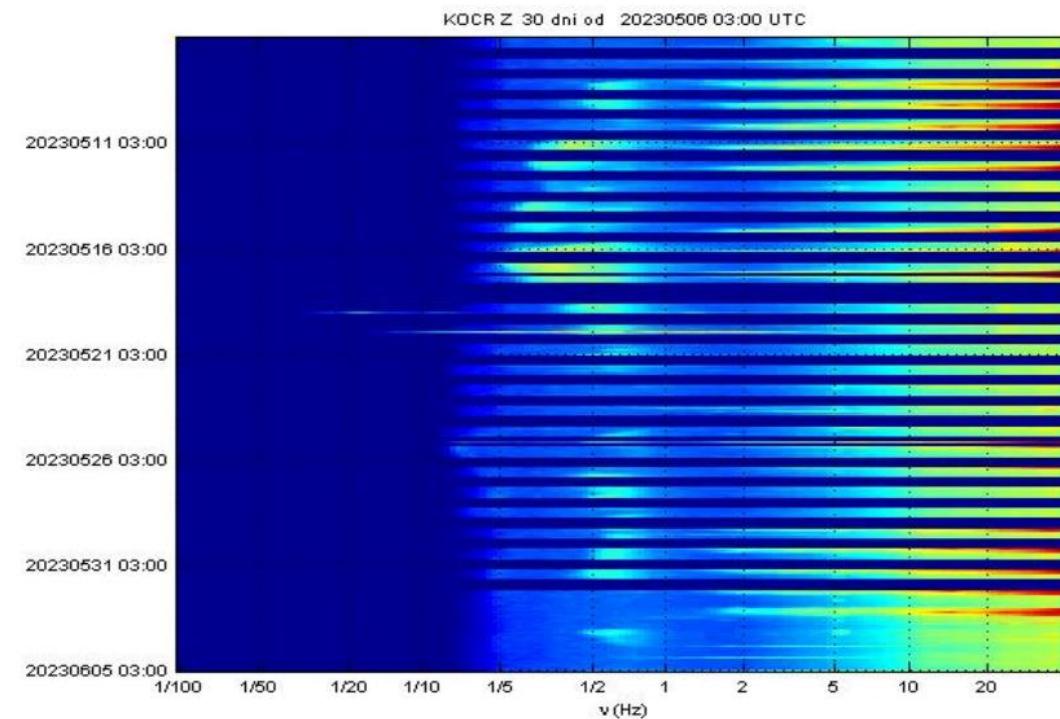
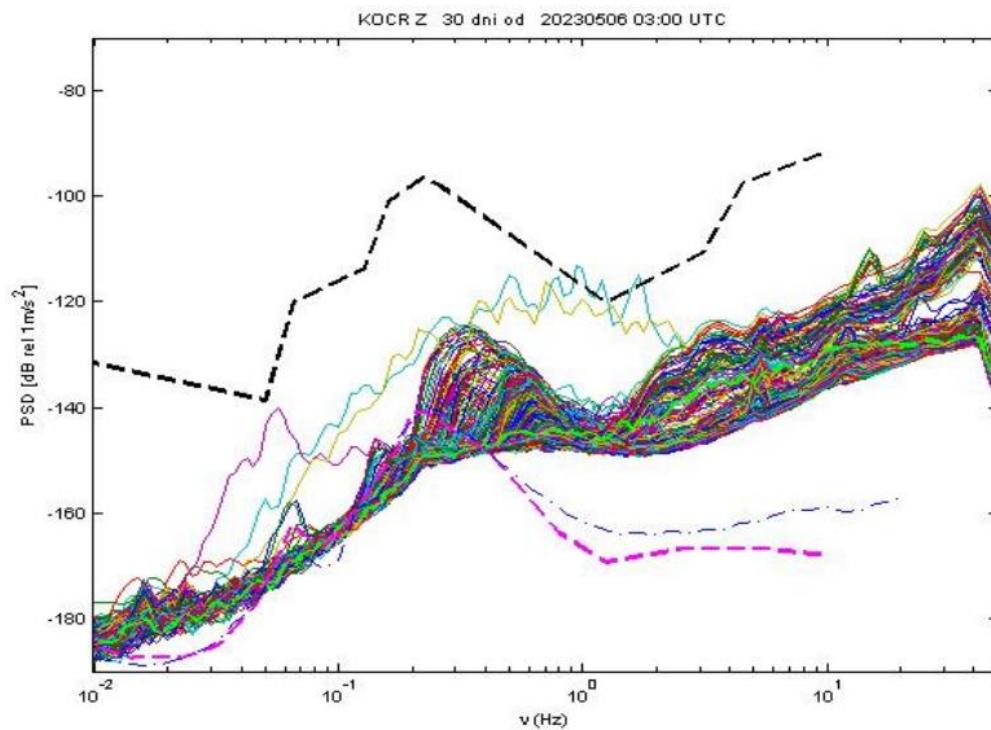
1.4 Northern Italy

04-06-2023 - 17:57 - 5.30km

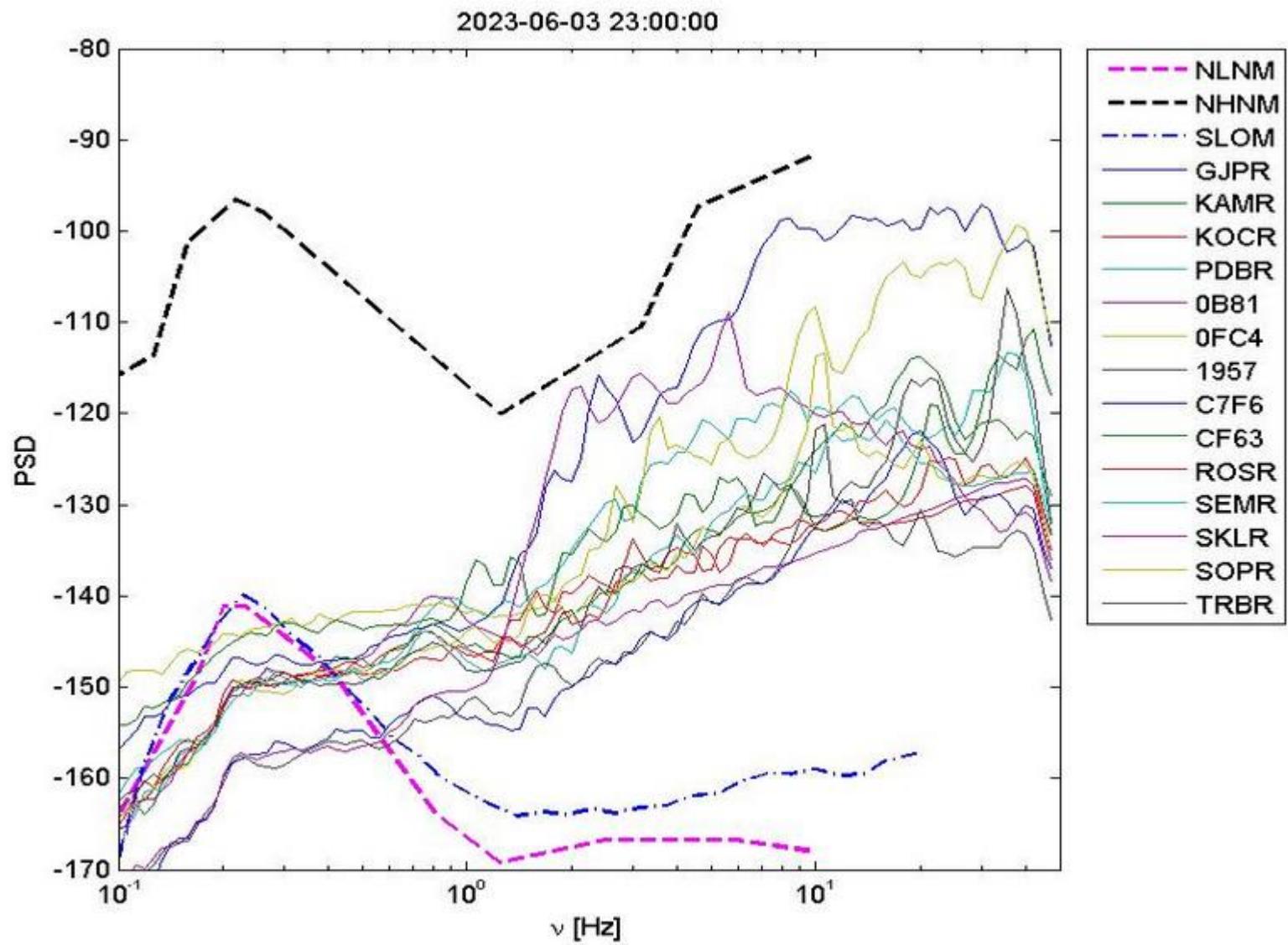
1.3 Northern Italy

04-06-2023 - 00:25 - 10.60km





Different installation methods

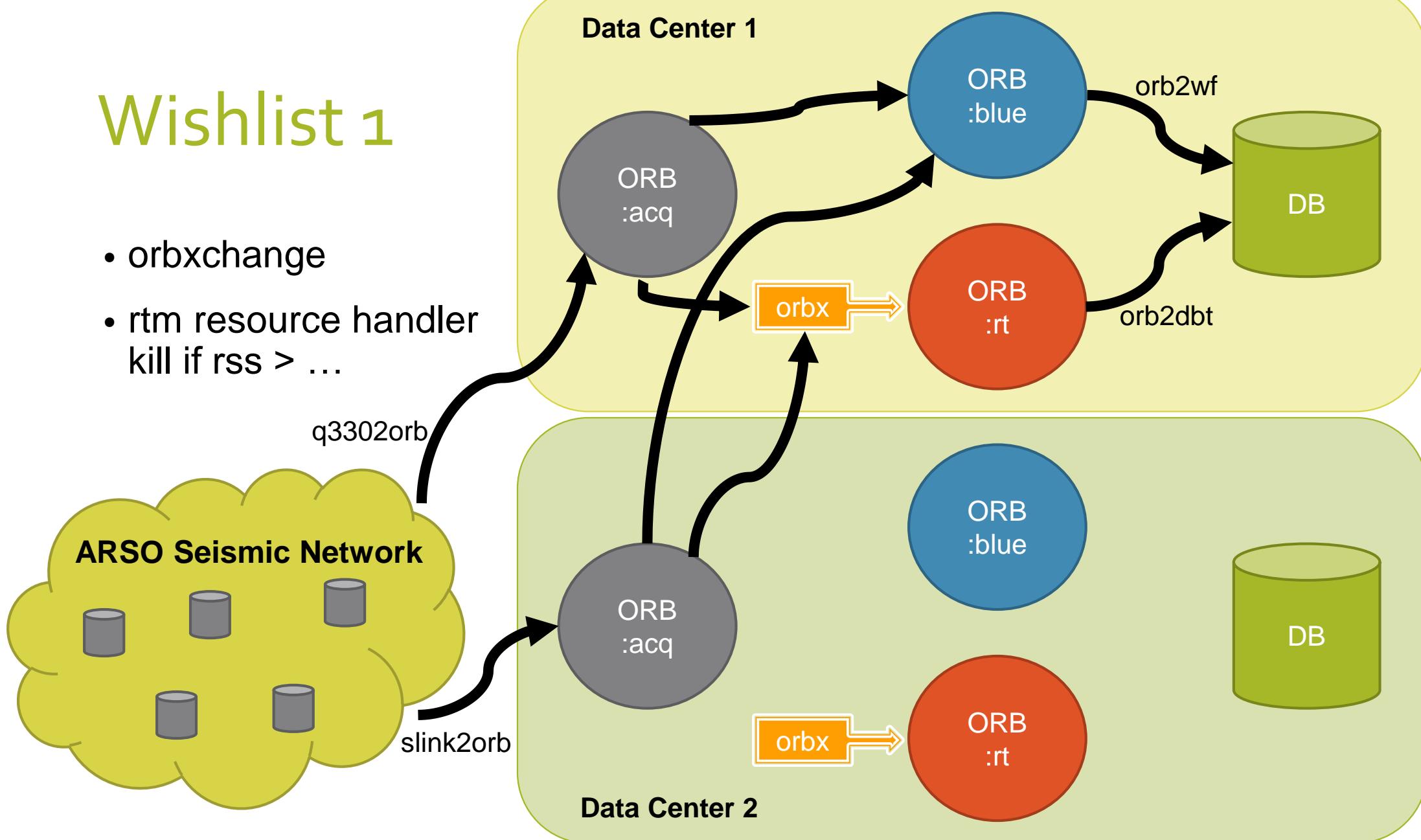


RaspberryShake team



Wishlist 1

- orbxchange
- rtm resource handler
kill if rss > ...



Wishlist 2

- db2stationxml  (metadata exchange with ORFEUS, FDSN, ...)
- stationxml2db 
- present procedure:
stationXML → stationxml-seed-converter-2.1.0.jar → seed2db → dbset ... → **dbmaster**

THANKYOU